

**IN THE CLAIMS:**

I. (Currently Amended) A method of indicating when changes to values of data fields in a document have occurred, said method comprising the steps of:

- (a) — storing a first plurality of values in at least one first object, said first plurality of values comprising initial values of a plurality of data fields in a document, wherein said document comprises a notebook and wherein said notebook comprises at least one panel;
- (b) — storing a second plurality of values in at least one second object, said second plurality of values being identical to said first plurality of values;
- (c) — receiving modifications from a user to said plurality of data fields and storing said modifications in said at least one second object as current values;
- (d) — comparing said first and second plurality of values to determine which data fields of the plurality of data fields have initial values different from their current values;
- (e) — creating a plurality of records identifying all data fields of the plurality of data fields having initial values different from their current values as determined in the comparing step (d); and
- (f) — transmitting said plurality of records to a server, said plurality of records for use in updating data in a data storage device, wherein the plurality of records are used to determine at least one of the following:
  - whether a panel of the at least one panel comprises a data field in the plurality of data fields having an initial value different from a current value of the data field; and
  - whether the notebook comprises a panel of the at least one panel which comprises a data field in the plurality of data fields having an initial value different from a current value of the data field.

2. (Original) The method as claimed in claim 1, wherein said document is an HTML document containing an HTML form.
3. (Currently Amended) The method as claimed in claim 2, wherein the step (a) of storing a first plurality of values is performed when said HTML form is loaded into a web browser.
4. (Currently Amended) The method as claimed in claim 3, wherein the comparing step (d) is performed after said modifications have been completed by said user.
5. (Original) The method as claimed in claim 4, wherein said plurality of records comprise a plurality of data field identifiers, and wherein each of said data field identifiers identifies one of said plurality of data fields in said document.
6. (Currently Amended) The method as claimed in claim 5, wherein said plurality of records further comprise a boolean value assigned to each of said data field identifiers to indicate whether said a data field in the plurality of data fields has an initial value different from ~~its~~ a current value of the data field as determined in the comparing step (d).
7. – 8. (Canceled)
9. (Currently Amended) The method as claimed in claim ~~[[8]]~~ 1, wherein the step of storing a first plurality of values (a) is performed when said notebook is opened.
10. (Currently Amended) The method as claimed in claim 9, wherein the comparing step (d) is performed on data in a panel of said at least one panel after said modifications have been completed by said user.
11. (Currently Amended) The method as claimed in claim 10, wherein the creating step (e) is performed for said panel of said at least one panel, wherein said plurality of records created comprise a plurality of data field identifiers, and wherein each of said data field identifiers identifies one of said plurality of data fields in said panel.

12. (Currently Amended) The method as claimed in claim 11, wherein said plurality of records further comprise a boolean value assigned to each of said data field identifiers to indicate whether said a data field in the plurality of data fields has an initial value different from its a current value of the data field as determined in the comparing step-(d).
13. (Currently Amended) The method as claimed in claim 12, wherein the step of comparing, the step of creating, and the step of transmitting steps -(d), -(e) and -(f) are repeated for each panel in [[a]] the notebook.
14. (Currently Amended) The method as claimed in claim [[13]] 1, wherein said plurality of records are used to determine at least one of the following:
- ~~(i)~~ whether a data field in the plurality of data fields has an initial value different from it's-a current value of the data field, value;
  - ~~(ii)~~ whether a panel comprises a data field having an initial value different from its current value; and
  - ~~(iii)~~ whether said notebook comprises a panel which comprises a data field having an initial value different from its current value.
15. (Currently Amended) ~~The method of claim 1 wherein~~ A method of indicating when changes to values of data fields have occurred, said method comprising the steps of:
- storing a first plurality of values in at least one first object, said first plurality of values comprising initial values of a plurality of data fields in a document;
  - storing a second plurality of values in at least one second object, said second plurality of values being identical to said first plurality of values;
  - receiving modifications from a user to said plurality of data fields and storing said modifications in said at least one second object as current values;
  - comparing said first and second plurality of values to determine which data fields of the plurality of data fields have initial values different from their current values;
  - creating a plurality of records identifying all data fields of the plurality of data fields having initial values different from their current values as determined in the comparing step; and
  - transmitting said plurality of records to a server, said plurality of records for use in updating data in a data storage device, wherein said document comprises a hierarchy of documents, and wherein said plurality of records are used to determine whether a data field in

the plurality of data fields having an initial value different from ~~its~~ a current value of the data field exists at a specified level of said hierarchy of documents.

16. (Currently Amended) A system for indicating when changes to values of data fields in a document stored in storage have occurred, said system comprising:

- (a) ————— at least one first object for storing a first plurality of values, said first plurality of values comprising initial values of a plurality of data fields in a document, wherein said document comprises a notebook and wherein said notebook comprises at least one panel;
- (b) ————— at least one second object for storing a second plurality of values, said second plurality of values comprising current values of said plurality of data fields in said document; and
- (c) ————— a module connected to said at least one first and said at least one second objects for comparing said first and second plurality of values, for determining which data fields in the plurality of data fields have initial values different from their current values, and for creating a plurality of records identifying all data fields in the plurality of data fields having initial values different from their current values, wherein the plurality of records are used to determine at least one of the following:
  - whether a panel of the at least one panel comprises a data field in the plurality of data fields having an initial value different from a current value of the data field; and
  - whether the notebook comprises a panel of the at least one panel which comprises a data field in the plurality of data fields having an initial value different from a current value of the data field.

17. (Original) The system as claimed in claim 16, wherein said document is an HTML document containing an HTML form.

18. (Original) The system as claimed in claim 17, wherein said plurality of records comprise a plurality of data field identifiers, and wherein each of said data field identifiers identifies one of said plurality of data fields in said document.

19. (Currently Amended) The system as claimed in claim 18, wherein said plurality of records further comprise a boolean value assigned to each of said data field identifiers to indicate whether said a data field in the plurality of data fields has an initial value different from its a current value of the data field.

20. - 21. (Canceled)

22. (Currently Amended) The system as claimed in claim ~~[[21]]~~ 16, wherein said plurality of records created comprise a plurality of data field identifiers, and wherein each of said data field identifiers identifies one of said plurality of data fields in said panel.

23. (Currently Amended) The system as claimed in claim 22, wherein said plurality of records further comprise a boolean value assigned to each of said data field identifiers to indicate whether said a data field in the plurality of data fields has an initial value different from its a current value of the data field.

24. (Currently Amended) The system as claimed in claim 23, wherein said plurality of records are used to determine ~~at least one of the following:~~

- ~~(i) whether a data field in the plurality of data fields has an initial value different from it's a current value of the data field.~~
- ~~(ii) whether a panel comprises a data field having an initial value different from its current value; and~~
- ~~(iii) whether said notebook comprises a panel which comprises a data field having an initial value different from its current value.~~

25. (Currently Amended) The system as claimed in claim 16, wherein said document comprises a hierarchy of documents, and wherein said plurality of records are used to determine whether a data field in the plurality of data fields having an initial value different from its a current value of the data field exists at a specified level of said hierarchy of documents.

26. (Currently Amended) A computer-readable medium having stored in storage thereon computer-executable instructions for indicating when changes to values of data fields in a document have occurred by performing the steps comprising:

- (a) ~~storing a first plurality of values in at least one first object, said first plurality of values comprising initial values of a plurality of data fields in a document, wherein said document comprises a notebook and wherein said notebook comprises at least one panel;~~
- (b) ~~storing a second plurality of values in at least one second object, said second plurality of values being identical to said first plurality of values;~~
- (c) ~~receiving modifications from a user to said plurality of data fields and storing said modifications in said at least one second object as current values;~~
- (d) ~~comparing said first and second plurality of values to determine which data fields of the plurality of data fields have initial values different from their current values;~~
- (e) ~~creating a plurality of records identifying all data fields of the plurality of data fields having initial values different from their current values as determined in the comparing step-(d); and~~
- (f) ~~transmitting said plurality of records to a server, said plurality of records for use in updating data in a data storage device, wherein the plurality of records are used to determine at least one of the following:~~
  - ~~whether a panel of the at least one panel comprises a data field in the plurality of data fields having an initial value different from a current value of the data field; and~~
  - ~~whether the notebook comprises a panel of the at least one panel which comprises a data field in the plurality of data fields having an initial value different from a current value of the data field.~~

27. (Original) The computer-readable medium as claimed in claim 26, wherein said document is an HTML document containing an HTML form.
28. (Currently Amended) The computer-readable medium as claimed in claim 27, wherein the step of storing a first plurality of values (a) is performed when said HTML form is loaded into a web browser.
29. (Currently Amended) The computer-readable medium as claimed in claim 28, wherein the comparing step (d) is performed after said modifications have been completed by said user.
30. (Original) The computer-readable medium as claimed in claim 29, wherein said plurality of records comprise a plurality of data field identifiers, and wherein each of said data field identifiers identifies one of said plurality of data fields in said document.
31. (Currently Amended) The computer-readable medium as claimed in claim 30, wherein said plurality of records further comprise a boolean value assigned to each of said data field identifiers to indicate whether said a data field in the plurality of data fields has an initial value different from its a current value of the data field as determined in the comparing step (d).
32. – 33. (Canceled)
34. (Currently Amended) The computer-readable medium as claimed in claim ~~[[33]]~~ 26, wherein the step of storing a first plurality of values (a) is performed when said notebook is opened.
35. (Currently Amended) The computer-readable medium as claimed in claim 34, wherein the comparing step (d) is performed on data in a panel of said at least one panel after said modifications have been completed by said user.
36. (Currently Amended) The computer-readable medium as claimed in claim 35, wherein the creating step (e) is performed for said panel of said at least one panel, wherein said plurality of records created comprise a plurality of data field identifiers, and wherein each of said data field identifiers identifies one of said plurality of data fields in said panel.

37. (Currently Amended) The computer-readable medium as claimed in claim 36, wherein said plurality of records further comprise a boolean value assigned to each of said data field identifiers to indicate whether said a data field in the plurality of data fields has an initial value different from ~~its~~ a current value of the data field as determined in the comparing step (d).

38. (Currently Amended) The computer-readable medium as claimed in claim 37, wherein the step of comparing, the step of creating, and the step of transmitting steps (d), (e) and (f) are repeated for each panel in [[a]] the notebook.

39. (Currently Amended) The computer-readable medium as claimed in claim 38, wherein said plurality of records are used to determine ~~at least one of the following:~~

- ~~(i) —————~~ whether a data field in the plurality of data fields has an initial value different from ~~its~~ a current value of the data field.
- ~~(ii) —————~~ ~~whether a panel comprises a data field having an initial value different from its current value; and~~
- ~~(iii) —————~~ ~~whether said notebook comprises a panel which comprises a data field having an initial value different from its current value.~~

40. (Currently Amended) The computer-readable medium as claimed in claim 26, wherein said document comprises a hierarchy of documents, and wherein said plurality of records are used to determine whether a data field in the plurality of data fields having an initial value different from ~~its~~ a current value of the data field exists at a specified level of said hierarchy of documents.

41. (Currently Amended) A software product for indicating when changes to values of data fields in a document have occurred, said software product stored in storage and said software product comprising:

- ~~(a) —————~~ at least one first object for storing a first plurality of values, said first plurality of values comprising initial values of a plurality of data fields in a document, wherein said document comprises a notebook and wherein said notebook comprises at least one panel;



- (b) ————— at least one second object for storing a second plurality of values, said second plurality of values comprising current values of said plurality of data fields in said document; and
- (e) ————— a module connected to said at least one first and said at least one second objects for comparing said first and second plurality of values, for determining which data fields in the plurality of data fields have initial values different from their current values, and for creating a plurality of records identifying all data fields in the plurality of data fields having initial values different from their current values; values, wherein the plurality of records are used to determine at least one of the following:
- whether a panel of the at least one panel comprises a data field in the plurality of data fields having an initial value different from a current value of the data field; and
- whether the notebook comprises a panel of the at least one panel which comprises a data field in the plurality of data fields having an initial value different from a current value of the data field.

42. (Original) The software product as claimed in claim 41, wherein said document is an HTML document containing an HTML form.

43. (Original) The software product as claimed in claim 42, wherein said plurality of records comprise a plurality of data field identifiers, and wherein each of said data field identifiers identifies one of said plurality of data fields in said document.

44. (Currently Amended) The software product as claimed in claim 43, wherein said plurality of records further comprise a boolean value assigned to each of said data field identifiers to indicate whether said a data field in the plurality of data fields has an initial value different from its a current value of the data field.

45. – 46. (Canceled)

47. (Currently Amended) The software product as claimed in claim ~~[[46]]~~ 41, wherein said plurality of records ~~when created~~, ~~created~~ comprise a plurality of data field identifiers, and wherein each of said data field identifiers identifies one of said plurality of data fields in said panel.

48. (Currently Amended) The software product as claimed in claim 47, wherein said plurality of records further comprise a boolean value assigned to each of said data field identifiers to indicate whether ~~said a data field in the plurality of data fields~~ has an initial value different from its a current value of the data field.

49. (Currently Amended) The software product as claimed in claim 48, wherein said plurality of records are used to determine ~~at least one of the following~~:

- ~~(i) whether a data field in the plurality of data fields has an initial value different from its a current value of the data field.~~
- ~~(ii) whether a panel comprises a data field having an initial value different from its current value; and~~
- ~~(iii) whether said notebook comprises a panel which comprises a data field having an initial value different from its current value.~~

50. (Currently Amended) The software product as claimed in claim 41, wherein said document comprises a hierarchy of documents, and wherein said plurality of records are used to determine whether a data field in the plurality of data fields having an initial value different from its a current value of the data field exists at a specified level of said hierarchy of documents.

51. – 52. (Canceled)

53. (Currently Amended) A computer program product stored in storage, said computer program product comprising:

~~a computer-readable signal bearing medium;~~

~~means in said medium~~ for accomplishing the method of any of claims 1 to 6 and 9 to 15.  
~~1 to 15.~~

54. – 57. (Canceled)